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**To: Trinh Nguyen
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Case Serial Number: 08/552194

**From: Etelka R. Griffin
Location: EIC 3600
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Etelka.griffin@uspto.gov

Search Notes

LITIGATION-5768769

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552194 (08) 5768769 June 23, 1998

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5768769

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June 23, 1998

Parallel adjustable gantry truss plate press

REISSUE: June 23, 2000 - Reissue Application filed Ex. Gp.: 3726; Re. S.N. 09/605,148 (O.G. August 15, 2000)

APPL-NO: 552194 (08)

FILED-DATE: November 2, 1995

GRANTED-DATE: June 23, 1998

ASSIGNEE-PRE-ISSUE: November 2, 1995 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., ALPINE ENGINEERED PRODUCTS, INC. 1200 PARK CENTRAL BLVD. SOUTHPOMPAHO BEACH, FLORIDA, 33064, Reel and Frame Number: 007754/0190

ASSIGNEE-AFTER-ISSUE: July 18, 2005 - SECURITY AGREEMENT, ANTARES CAPITAL CORPORATION, AS AGENT 311 SOUTH WACKER SUITE 4400CHICAGO, ILLINOIS, 60606, Reel and Frame Number: 016274/0297

CORE TERMS: roller press, adjustment, gantry, drive, truss, shaft, dolly, gearbox, sprocket, rod ...

ENGLISH-ABST:

A gantry press adjustment apparatus for adjusting a vertical orientation of a parallel gantry press with respect to a work surface. The gantry press has a rigid frame with a first side frame portion and a second side frame portion. Each side frame portion has a first and a second generally parallel vertical members. The first and the second side frame portions are spaced sufficiently apart to accept a press roller. The adjustment apparatus has a first and a second planar member which are adapted to receive and support the axle of the roller press. The planar members are slidably mounted along a vertical axis of the frame portions. A first vertical adjustment member is connected to the first side frame portion and to the first planar member. A second vertical adjustment member is connected to the second side frame portion and to the second planar member. A drive is connected with each of the adjustment

members to adjust each of member at a substantially equivalent rate and vertical spatial orientation such that the planar members maintain the press roller in a parallel orientation with respect to the work surface.

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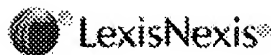
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1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US5768769 A 19980623 [US5768769]

Title :

(A) Parallel adjustable gantry truss plate press

Inventor(s) :

(A) SHAMBLIN WAYNE A (US)

Application Nbr :

US55219495 19951102 [1995US-0552194]

Priority Details :

US55219495 19951102 [1995US-0552194]

Intl Patent Class :

(A) B23P-019/00

IPC Advanced All :

B27F-007/15 [2006-01 A - I R M EP]

IPC Core All :

B27F-007/00 [2006 C - I R M EP]

EPO ECLA Class :

B27F-007/15B

US Patent Class :

ORIGINAL (O) : 029798000; CROSS-REFERENCE (X) : 100210000 100913000

Document Type :

Corresponding document

Citations :

US3195449; US3212694; US3255943; US3336865; US3413703; US3538843;

US3667379; US3855917; US3925870; US4295269; US4437234; US5092028;

US5111861; US5211108; US5553375

Product Brochure-13 Roof Truss Gantry System, Klaisler Mfg. Corp. (Date Unknown).

Product Brochure--Roller Gantry, Roller Press System, MiTek Industries, Inc. (Date Unknown).

Product Brochure--Gantry Roller, C.M.F., Inc. (Date Unknown).

Product Brochure--Fabrication & Cutting Equipment for Truss Manufacturing, MiTek Industries Group of Companies (1988).

Product Brochure--Mark-8 Mono-Press, Truss Fabrication Equipment, MiTek Industries, Inc. (1988).

Product Brochure--Floor Roller, Ultra High-Speed Floor Truss Machine, MiTek Industries, Inc. (1988).

Product Brochure--Mark V, Fully Automatic Moving Press System, MiTek Industries, Inc. (1988).

Product Brochure--Gantry, For Large Trusses and Long Production Runs, MiTek Industries, Inc. (1991).

Publication Stage :

(A) United States patent

Abstract :

A gantry press adjustment apparatus for adjusting a vertical orientation of a parallel gantry press with respect to a work surface. The gantry press has a rigid frame with a first side frame portion and a second side frame portion. Each side frame portion has a first and a second generally parallel vertical members. The first and the second side frame portions are spaced sufficiently apart to accept a press roller. The

adjustment apparatus has a first and a second planar member which are adapted to receive and support the axle of the roller press. The planar members are slidably mounted along a vertical axis of the frame portions. A first vertical adjustment member is connected to the first side frame portion and to the first planar member. A second vertical adjustment member is connected to the second side frame portion and to the second planar member. A drive is connected with each of the adjustment members to adjust each of member at a substantially equivalent rate and vertical spatial orientation such that the planar members maintain the press roller in a parallel orientation with respect to the work surface.

1 / 1 LGST - @EPO

Patent Number :

US5768769 A 19980623 [US5768769]

Application Number :

US55219495 19951102 [1995US-0552194]

Action Taken :

19951102 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: ALPINE ENGINEERED PRODUCTS, INC. 1200 PARK CENTRAL; EFFECTIVE

DATE: 19951102

19951102 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: SHAMBLIN, WAYNE A.; EFFECTIVE DATE: 19951102

20000815 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20000623

20050718 US/AS-A

ASSIGNMENT

OWNER: ANTARES CAPITAL CORPORATION, AS AGENT, ILLINOIS; EFFECTIVE DATE:

20050714

SECURITY AGREEMENT;ASSIGNOR:ALPINE ENGINEERED PRODUCTS,

INC.;REEL/FRAME:016274/0297

Update Code :

2006-42

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

5,768,769 A 19980623 [US5768769]

Patent Assignee :

Shamblin, Wayne A

Actions :

20000623 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20000815

REISSUE REQUEST NUMBER: 09/605148

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3726

Reissue Patent Number:

20050718 REASSIGNED

SECURITY AGREEMENT

Assignor: ALPINE ENGINEERED PRODUCTS, INC., DATE SIGNED: 07/14/2005

Assignee: ANTARES CAPITAL CORPORATION, AS AGENT, 311 SOUTH WACKER, SUITE
4400, CHICAGO, ILLINOIS, 60606

Reel 016274/Frame 0297

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